



CDF Operations Report

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12-July-2004

All Experimenters' Meeting



Store Summary (6/28 to 7/04)

Store	Start Date	Duration (hours)	Inst Lum Initial e30 cm-2 s-1	Int. Lum Delivered nb-1	Live Lum nb-1	Tevatron Terminate
3597	6/28	24.0	67.5	2,417	2,129 88%	OK
	Stores 3599 and 3606 lost before HEP collisions					
3610	7/01	18.4	37.8	1,303	1,132 87%	OK
3612	7/02	21.9	65.8	2,095	1,818 87%	OK
3614	7/03	26.9	79.5	3,023	2,694 89%	OK
3616	7/04	11.4	79.1	1,859	1,603 86%	Quench Comp. trip
Total 3597-3616		102.6		10,697	9,376 88%	



Store Summary (7/05-7/11)

Store	Start Date	Duration (hours)	Inst Lum Initial e30 cm-2 s-1	Int. Lum Delivered nb-1	Live Lum nb-1	Tevatron Terminate
3619	7/05	25.9	63.3	2,289	2,022 88%	OK
3621	7/06	6.7	98.5 (82.0*)	1,342	1,145 85%	quench
3629	7/08	4.1	58.8	682	564 83%	quench
3639	7/09	31.1	81.8	3,194	2,701 85%	OK
3641	7/11	9.5	85.2	1,849	1,591 86%	Power glitch
3650	7/12		69.5	Ongoing store		
Total 3619-3641		77.4		9,355	8,023 86%	
FY2004 (3033 up)	11/22/03	3,075		268,824	211,650 79%	

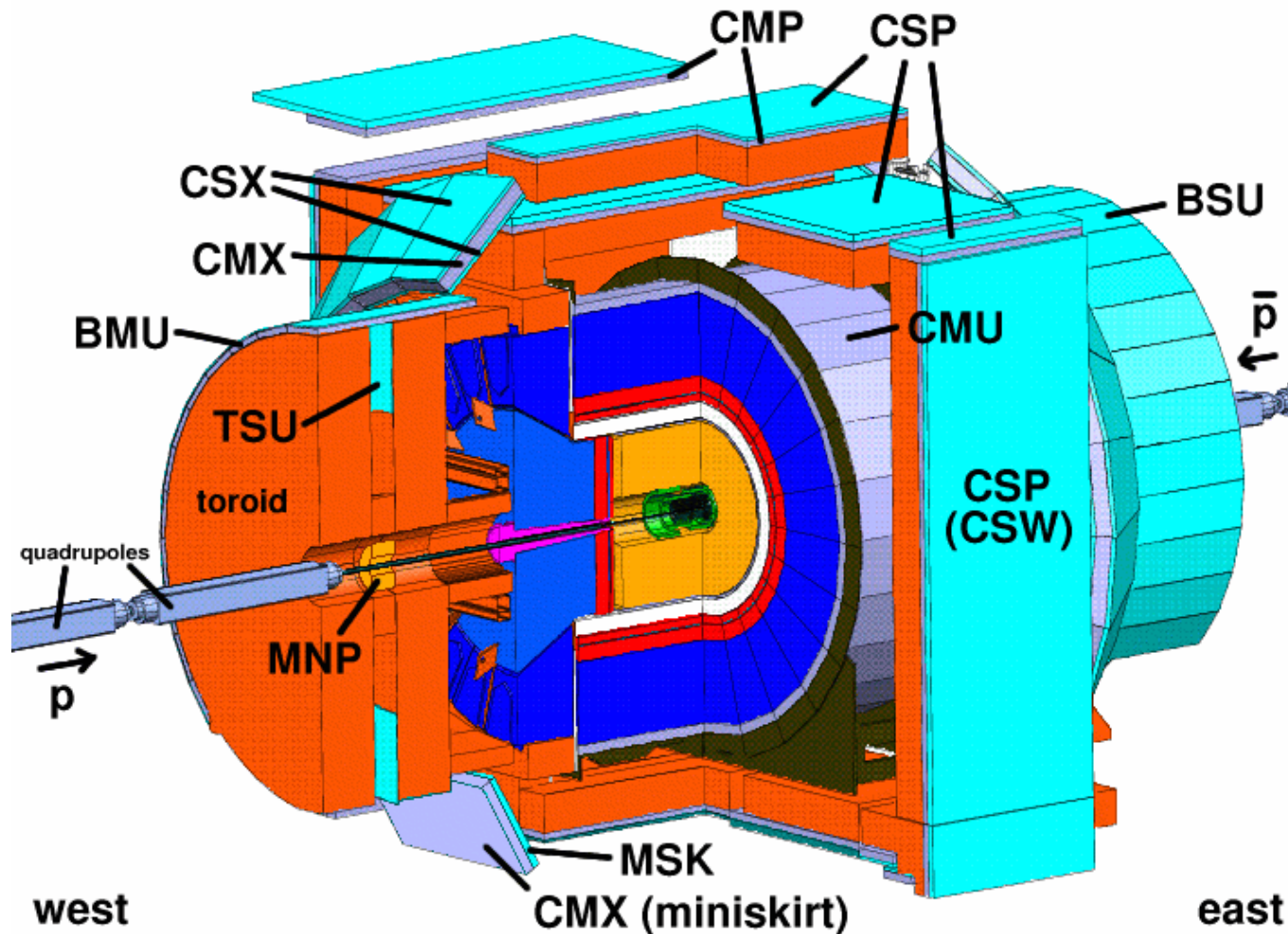


CDF STATUS

- Central Outer Tracker still looking fine with HV full on for all superlayers.
- Rest of detector has suffered no major problems over past two weeks.
- Current trigger table handles 90E30 with about 15% deadtime. DAQ deadtime less than 5% integrated over store.
- Beam conditions (proton halo losses and abort gap losses) have allowed us to integrate Silicon detectors at beginning of all stores except 3621 (record "mixed mode" store).
- As a result, CDF has been writing more than 85% of delivered luminosity to tape. This is historically very good but our goal is 90% between now and shutdown.

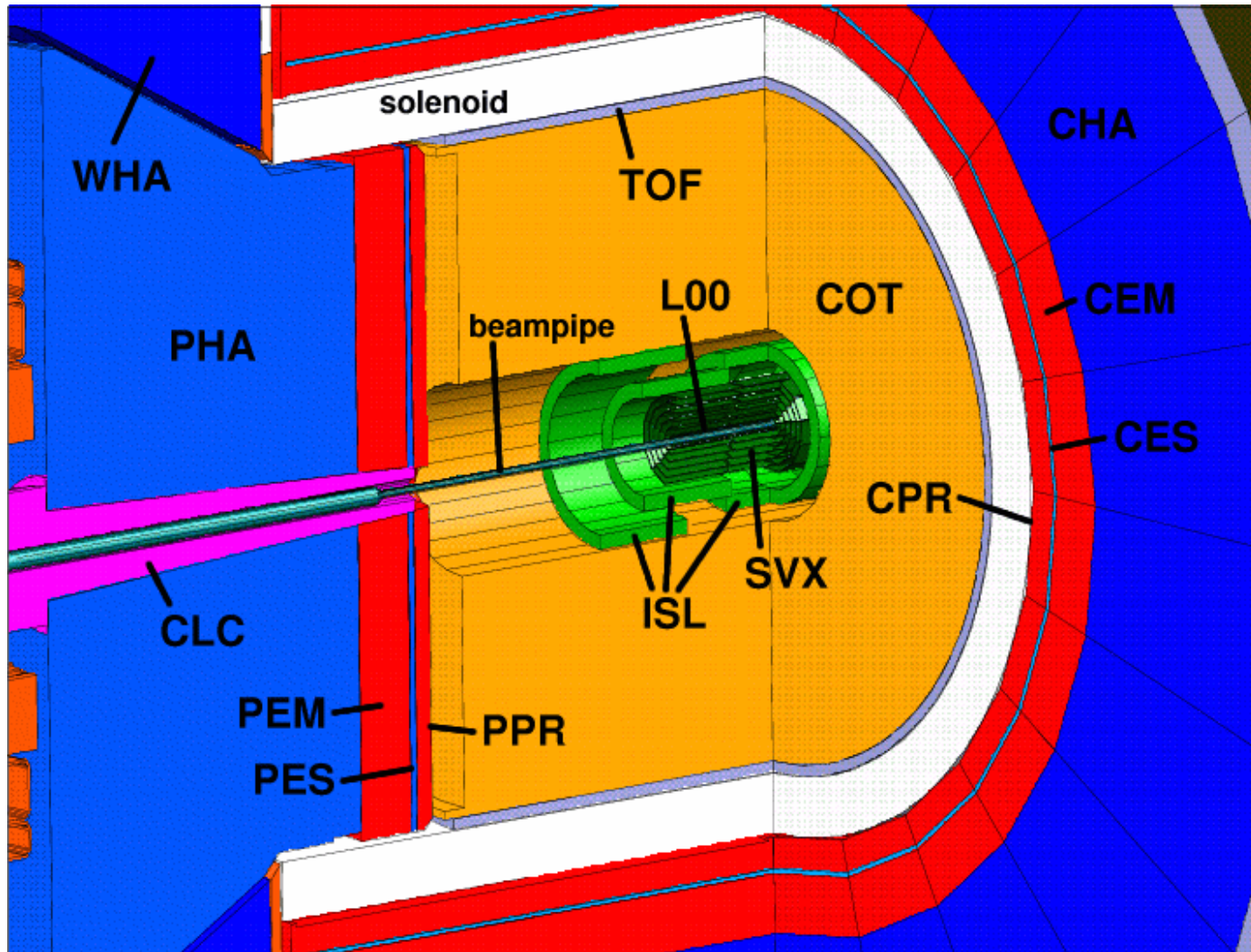


CDF Run IIa Detector





CDF Run IIa Detector (inner)



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